

Converting Colors

Yxy(67.6233, 0.3073, 0.3039)

Have a look what the booklet for
Yxy(67.6233, 0.3073, 0.3039)
contains.

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Color

Yxy(67.8237, 0.3073, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	E0D2E9
RGB	224, 210, 233
RGB Percent	88%, 82%, 91%
CMY	0.1216, 0.1764, 0.0863
CMYK	0.04, 0.10, 0.00, 0.09
HSL	276°, 34%, 87%
HSV	276°, 10%, 91%
XYZ	68.4924, 67.8237, 86.5683
YIQ	216.8080, 0.9610, 10.1210

Conversions

Conversions Part 2

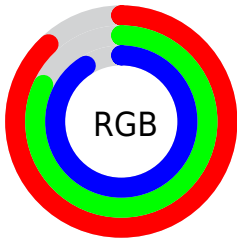
Format	Color
R _Y B	224, 210, 233
Decimal	14734057
CIE Lab	85.92, 8.97, -9.56
CIE LCh	86, 13.106, 313.164
Yxy	67.8237, 0.3073, 0.3043
Android (android.graphics.Color)	4292924137 (0xFFE0D2E9)
YUV	216.8080, 7.9827, 6.3074
Hunter-Lab	82.3551, 4.3317, -4.6746

Details

The Yxy color $67.8237, 0.3073, 0.3043$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $77.9913, 0.3177, 0.3540$, and the grayscale version is $69.1945, 0.3127, 0.3290$.

A 20% lighter version of the original color is $100.0000, 0.3127, 0.3290$, and $35.3863, 0.3064, 0.2997$ is the 20% darker color. If you saturate the color by 10%, you get $55.7272, 0.3008, 0.2775$, and if you desaturate by 10%, it is $81.6792, 0.3128, 0.3293$.

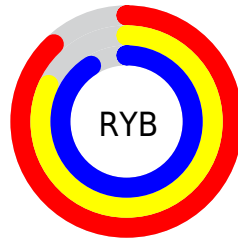
Distribution



Red (88%)

Green (82%)

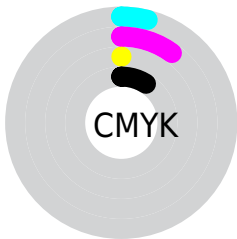
Blue (91%)



Red (88%)

Yellow (82%)

Blue (91%)

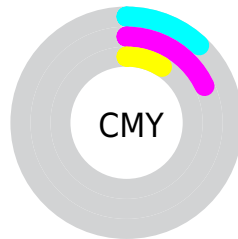


Cyan (4%)

Magenta (10%)

Yellow (0%)

Black (9%)



Cyan (12%)

Magenta (18%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.8237, 0.3073, 0.3043 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 67.8237, 0.3073, 0.3043 by changing the saturation by 10% instead.

67.8237, 0.3073,
0.3043

67.8237, 0.3073,
0.3043

452.8711, 0.3099,
0.3157

49.7543, 0.3067,
0.3017

116.0999, 0.3082,
0.3082

35.2182, 0.3059,
0.2985

147.0755, 0.3086,
0.3098

23.8310, 0.3049,
0.2945

183.1220, 0.3089,
0.3111

15.2083, 0.3035,
0.2892

224.6237, 0.3091,
0.3123

8.9657, 0.3016,
0.2820

271.9651, 0.3094,
0.3133

4.7188, 0.2987,
0.2718

325.5305, 0.3096,

2.0833, 0.2938,

0.3142

0.2558

385.7044, 0.3098,
0.3150

0.6552, 0.2861,
0.2227

0.0000, 0.0000,
0.0000

67.8237, 0.3073,
0.3043

67.8237, 0.3073,
0.3043

55.7272, 0.3008,
0.2775

81.6792, 0.3128,
0.3293

45.3077, 0.2933,
0.2495

96.3235, 0.3175,
0.3508

36.4896, 0.2847,
0.2209

97.9811, 0.3233,
0.3504

29.1879, 0.2752,
0.1928

98.6630, 0.3256,
0.3503

■ 23.3096, 0.2650,
0.1664

■ 18.7510, 0.2543,
0.1431

■ 15.3939, 0.2437,
0.1240

■ 13.0982, 0.2334,
0.1100

■ 11.6280, 0.2239,
0.1007

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.8237, 0.2927, 0.3018



67.8237, 0.3073, 0.3043



67.8237, 0.3237, 0.3130

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



67.8237, 0.3073, 0.3043



67.8237, 0.3426, 0.3512



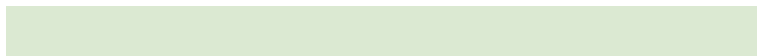
67.8237, 0.2885, 0.3316

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



67.8237, 0.3073, 0.3043



77.9913, 0.3177, 0.3540

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.8237, 0.3014, 0.3459



67.8237, 0.3073, 0.3043



67.8237, 0.3326, 0.3572

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.8237, 0.3073, 0.3043



67.8237, 0.3443, 0.3396



67.8237, 0.3175, 0.3554



67.8237, 0.2821, 0.3171

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.8237, 0.3073, 0.3043



67.8237, 0.3334, 0.3212



67.8237, 0.3175, 0.3554



67.8237, 0.2922, 0.3367

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



67.8266, 0.3073, 0.3043



94.6519, 0.3112, 0.3217



70.3553, 0.2974, 0.3138



19.9608, 0.3107, 0.3197



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



67.8266, 0.3073, 0.3043



79.8039, 0.3060, 0.2986



69.1730, 0.3154, 0.3072



15.0023, 0.3075, 0.3053



6.6620, 0.2251, 0.1014



0.5785, 0.2382, 0.1086

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



68.5357, 0.3236, 0.3194



80.8651, 0.3264, 0.3172



76.7476, 0.3101, 0.3518



15.1518, 0.3231, 0.3198



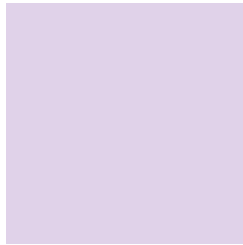
10.2836, 0.5409, 0.2753



0.8259, 0.5038, 0.2549

Previews

White Background



This preview shows how the Yxy color 67.8237, 0.3073, 0.3043 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 67.8237, 0.3073, 0.3043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

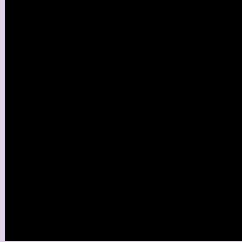
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

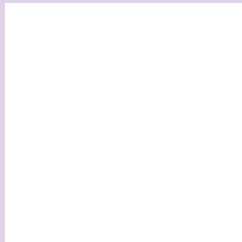
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.8237, 0.3073, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 67.8237, 0.3073, 0.3043.



This preview shows how white text looks on a background with the Yxy color 67.8237, 0.3073, 0.3043.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

67.8237, 0.3073, 0.3043

Protanopia

67.7328, 0.2981, 0.3049

Deuteranopia

67.8150, 0.3095, 0.3034



Tritanopia

67.8779, 0.3099, 0.3106

Trichromacy



Original Color

67.8237, 0.3073, 0.3043

Protanomaly

67.7792, 0.3016, 0.3051

Deuteranomaly

67.6529, 0.3088, 0.3033

Tritanomaly

67.9897, 0.3086, 0.3085

Monochromacy



Original Color

67.8237, 0.3073, 0.3043

Achromatopsia

69.3872, 0.3127, 0.3290

Achromatomaly

68.6365, 0.3110, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.8237, 0.3073, 0.3043 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(224, 210, 233)` looks like.

```
.text, #text, p{  
    color:rgb(224, 210, 233)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(224, 210, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 210, 233) }
```

Border

The CSS property to change the border of an element to Yxy 67.8237, 0.3073, 0.3043 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(224, 210, 233) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(224, 210, 233) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(224, 210, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 210, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 210, 233);  
box-shadow:4px 4px 4px 4px rgb(224, 210,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 67.8237, 0.3073, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 210, 233) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(224,  
210, 233) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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